

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 85-77

AN ORDER AMENDING ORDER NO. 81-16

CITY OF ALAMEDA AND ALAMEDA CITY DISPOSAL COMPANY  
SOLID WASTE DISPOSAL SITE  
ALAMEDA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board), finds that:

1. This Board, on November 16, 1976, adopted Waste Discharge Requirements as Order No. 76-126 for a solid waste disposal site, owned and operated by City of Alameda and Alameda City Disposal Company (hereinafter referred to as the discharger).
2. This Board, on October 17, 1978 and April 17, 1979 adopted Cease and Desist Order Nos. 78-86 and 79-47 which are still in effect. These Orders required the discharger to construct leachate control facilities which have been completed. The effectiveness of these facilities is being evaluated.
3. This Board, on March 18, 1981, adopted Order No. 81-16, an Order amending Order No. 76-126 and establishing closure requirements and a time schedule for closure of the site.
4. Provision B. of Order No. 81-16 required the discharger to close the site and to achieve full compliance by December 1, 1982, in accordance with a report titled "Technical Information Site Closure Plan Alameda Landfill, Alameda, California" dated February 28, 1979, The discharger has failed to fully comply with this plan, and to meet the compliance date, because the City was faced with a general fund deficit for several years.

The site is currently covered with at least one foot of soil. In addition, the closure plan for the this site states that the site will be covered with a minimum of three feet of clean soil, the lower one foot of which is to be compacted to attain a permeability no greater than  $10^{-6}$  cm/sec.

5. The discharger, pursuant to a report dated May 2, 1985, proposes to amend the closure plan to allow construction of six temporary settling ponds on the top of the landfill. The ponds would be used to accept hydraulic dredge material from maintenance dredging at the Aeolian Yacht Club harbor. The dredge material, once dried, would be used to supplement the import cover material now being acquired by the discharger in order to provide the one-foot of low permeability cover. The discharger proposes to discharge the overflow from the settling ponds to San Leandro Bay.
6. The City is currently receiving Bay Mud from a highway construction project in Richmond, California. The Richmond Bay Mud will be used: 1) to line the dredged material settling ponds to prevent moisture infiltration into the landfill, and 2) to provide low permeability material for use as final landfill cover. The combined Bay Mud quantities from the Aeolian dredging project and the Richmond construction project should provide the necessary volume of one foot of low-permeability soil required for closure (60,000 cy).
7. The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) on July 21, 1982, and this amendment implements the water quality objectives in that Plan.
8. This project involves the closure of a solid waste facility with minor alterations to the land. Consequently, this project will not have a significant effect on the environment pursuant to the exemption provided in Section 15101, Title 14, California Administrative Code.
9. The Board, has notified the discharger and interested agencies and persons of its intent to amend closure requirements for the discharger and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
10. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that this Board's Order No. 81-16 is amended as follows:

- A. Section B. is amended to read:

- B. The discharger shall comply with Specifications D.1 and D.3 of Order No. 76-126 as amended by this Order according to the following time schedule:

<u>Task</u>	<u>Compliance Date</u>
a. Submit documentation that funds for closure are available	by August 1, 1985
b. Submit final grading, surface drainage plan, land use plan and a contingency plan for collecting and disposal of excessive leachate	by September 1, 1985
c. Submit reports on the status of implementing the closure plan	by November 1, 1985 and May 1, 1985
d. Achieve full compliance	by October 1, 1986
e. Submit report signed by a registered civil engineer or certified engineering geologist, documenting that full compliance has been achieved according to the closure plan specifications	by November 1, 1986

- B. Site Closure Specification D.1 is amended to read:

1. This solid waste disposal site shall be closed in compliance with this Board's Resolution No. 77-7 and in accordance with the report titled "Technical Information Site Closure Plan Alameda Landfill, Alameda, California", dated February 28, 1979, and the supplementing closure report dated May 2, 1985.

- C. Order No. 76-126 is amended to add the following as Section E:

E. Effluent Limitations

1. The wastewater overflow from the dredge spoils settling ponds as discharged to waters of the State shall meet the following quality limits at all times:

- a. Settleable matter 1.0 ml/l-hr, maximum
- b. pH 6.5 minimum, 8.5 maximum

- D. Order No. 76-126 is amended to add the following as Section F:

F. Receiving Water Limitations

1. The treatment or disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. The disposal of waste or wastewater return flow shall not cause:
  - a. Floating, suspended, or deposited macroscopic particulate matter or foam in waters of the State at any place more than 100 feet from the point of discharge of return flow;
  - b. Bottom deposits or aquatic growths in waters of the State at any place;
  - c. Discoloration beyond present natural background levels in waters of the State at any place more than 100 feet from the point of discharge of return flow;
  - d. Visible floating, suspended, or deposited oil or other products of petroleum origin in waters of the State at any place;
  - e. Waters of the State to exceed the following limits of quality at any point:

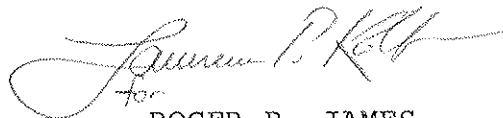
Dissolved Oxygen 5.0 mg/l minimum

When natural factors cause lesser concentrations, then this discharge shall not cause further reduction in the concentration of dissolved oxygen.

pH

A variation from natural  
ambient pH by more than 0.5  
pH units.

I, Roger B. James, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on June 19, 1985.

A handwritten signature in cursive script, appearing to read "Roger B. James".

for  
ROGER B. JAMES  
Executive Officer